

REMARKS

Favorable reconsideration and allowance of the present application are respectfully requested in view of the following remarks. Claims 1-18 were pending prior to the Office Action. Claims 19-26 have been added through this reply. Therefore, claims 1-26 are pending. Claims 1, 9, 12, 14, 16, 18 and 19 are independent.

OBJECTIONS TO THE DRAWINGS

The drawings are objected to because it is alleged that Figures 13 and 14(a)-14(b) are not labeled correctly. *See Office Action, page 3, items 4 and 5.* The drawings have been amended to address this objection. Applicants request that the objection to the drawings be withdrawn.

OBJECTIONS TO THE CLAIMS

The claims are objected to for minor informalities. *See Office Action, page 3, item 6.* The claims have been amended to address each and every informalities raised. Applicants respectfully request that the objections to the claims be withdrawn.

§ 112, 2ND PARAGRAPH REJECTION

Claims 1-18 stand rejected under 35 USC 112, second paragraph, as allegedly being indefinite. *See Office Action, page 4, items 7 and 8.*

In general, it is alleged that the claims are indefinite since configuration of the elements as recited in the claims are not properly characterized. For example, in claim 1 prior to the amendments, the claim recited “an electroluminescent element whose one terminal is connected to a source of the drive transistor” a drain of the drive transistor ... are connected to a scan line next to the one of the scan lines.” The Examiner alleges that in the submitted specification, the connections are reversed, i.e., the electroluminescent element is connected to the drain of the drive transistor and the source of the drive transistor is connected to the next scan line. Because of this alleged inconsistency, the Examiner required a correction.

To address this issue, the independent claims have been amended to recite “an electroluminescent element whose one terminal is connected to one of a source and a drain of the drive transistor” and “the other of the source and the drain of the drive transistor ... are connected to a scan line next to the one of the scan lines.”

This is clearly reasonable for at least the following reasons. M.P.E.P. clearly states, “Where subject matter not shown in the drawing or described in the description is claimed in the application as filed, and such original claim

itself constitutes a clear disclosure of this subject matter, then the claims must be treated on its merits.” *Emphasis added; See M.P.E.P. 608.08(l).* Indeed, M.P.E.P. further states, “The claim should **not** be attacked either by objection or rejection because this subject matter is lacking in the drawing and description.” *Emphasis added; See M.P.E.P. 608.08(l).*

In the present instance, the claims attacked (rejected) by the Examiner were claims as originally filed. Therefore, the claims are supported by original disclosure.

M.P.E.P. indicates that the specification may be amended to show the subject matter. Applicants have done so to address this issue.

In addition, the following is noted. Whether an electrode of a transistor is the source or the drive depends on the direction of the electrical current flowing into the transistor. For example, in an n-TFT, the electrode where the current flows into is defined as the drain and the electrode where the current flows out of is defined as the source.

When an organic electro-luminescence panel is driven, the direction of the current flowing in the drive TFT is not always constant but generally changes between emission phase and non-emission phase of the organic light emitting diode (OLED) in one cycle. For example, referring to Figure 2 of the present application, the current at the emission phase of the OLED flows

downward (from V_{dd} to Y_i). Thus, in the emission phase, the upper electrode of the drive TFT is the drain and the lower electrode is the source.

On the other hand, the current at the non-emission phase may flow upward (from Y_i to V_{dd}) to reset the drive TFT. In this instance, the upper electrode of the drive TFT is the source and the lower electrode is the drain. In general, the direction of the current flowing in the drive TFT in one drive circuit may change in one drive cycle. As noted above, the designation of source or drain depends on the direction of the current flowing in the drive TFT.

Applicants respectfully request that the rejection of claims 1-18 under Section 112, second paragraph, be withdrawn.

NEW CLAIMS

Claims 19-26 have been added through this reply. Applicants respectfully request that the new claims be examined and allowed.

CONCLUSION

All objections and rejections raised in the Office Action having been addressed, it is respectfully submitted that the present application is in condition for allowance. Should there be any outstanding matters that need to be resolved, the Examiner is respectfully requested to contact Hyung Sohn (Reg.

No. 44,346), to conduct an interview in an effort to expedite prosecution in connection with the present application.

Pursuant to 37 C.F.R. §§ 1.17 and 1.136(a), Applicant respectfully petitions for a one (1) months extension of time for filing a reply in connection with the present application, and the required fee is attached hereto.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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AMENDMENTS TO THE DRAWINGS

Attached hereto are two sheets of corrected drawings that comply with the provisions of 37 CFR 1.121(d) and 37 CFR 1.84. The corrected formal drawings incorporate the following changes:

- Figures 13 and 14(a)-14(b) are designated with the legend "Conventional Art" as required in the Office Action.

Applicants respectfully request that the corrected formal drawings be approved and be made a part of the record.

FIG.12

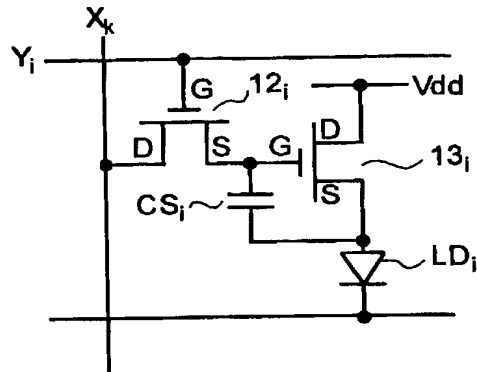
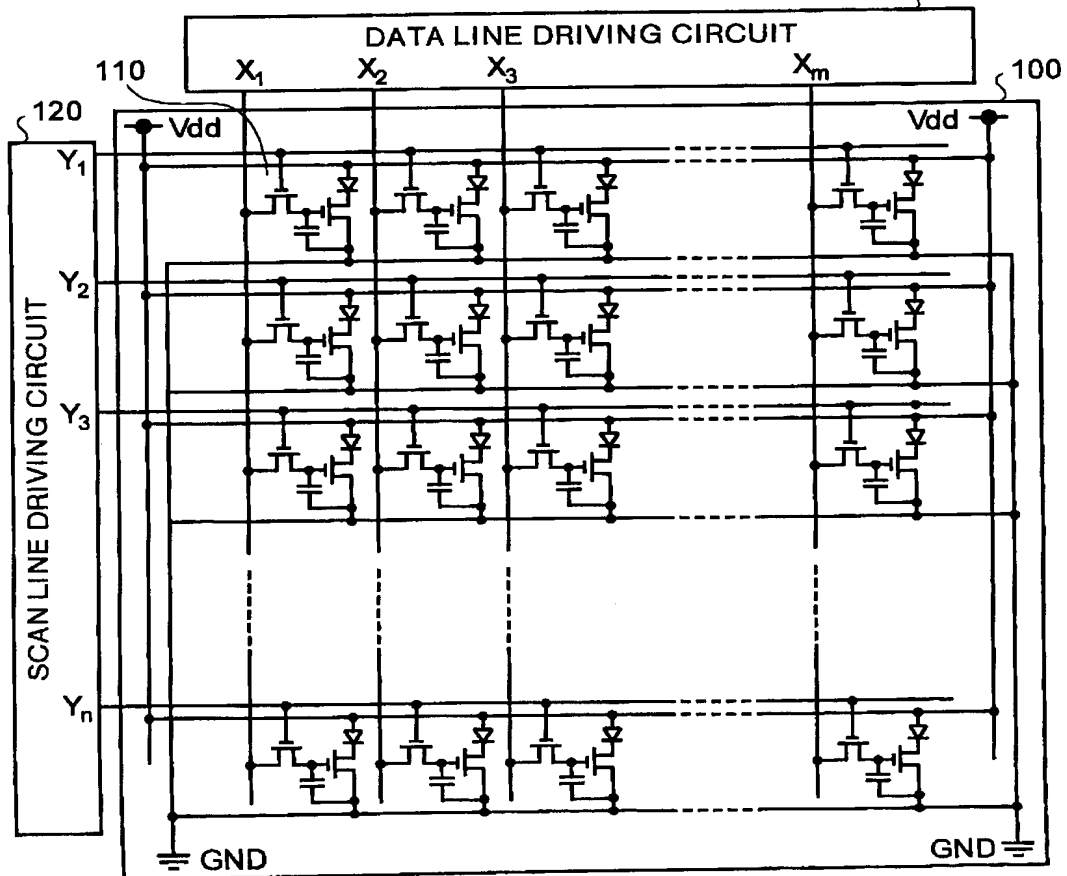
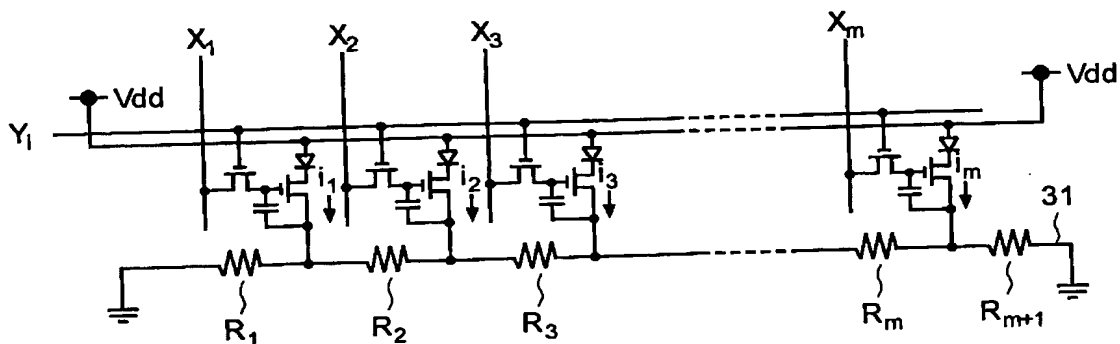


FIG.13
CONVENTIONAL ART



CONVENTIONAL ART FIG.14A



CONVENTIONAL ART FIG.14B

